

**Subject: Mathematics**

**Year group: 10 (Higher)**

**Independent Learning Spring/Summer**

<b>HT3</b>	<b>H9</b>	Probability 2	Probability	U408, U510, U683, U166, U580, U104, U558, U729, U280, U298, U746, U748, U821, U806	9.02, 9.08 (calculations with decimals and fractions)
	<b>H10</b>	Statistics 2	Statistics	U322, U162, U717, U569, U877, U717, U199, U277	8.17, 8.18 (presenting and interpreting data and averages)
	<b>H11</b>	Cumulative Frequency and Box Plots			
	<b>H11*</b>	Standard Form	Number	U330, U534, U264, U290, U161, U296	9.02, 9.04 (calculations with decimals, powers of 10, indices)
<b>HT4</b>	<b>H12</b>	Growth & Decay	Ratio, Proportion & Rates of Change	U332, U229, U988	10.13 (simple interest)
	<b>H13</b>	Ratio 2	Ratio, Proportion & Rates of Change	U176, U687, U676, U577, U573, U921, U865	9.06 (writing, simplifying and sharing ratio)
	<b>H14</b>	Ratio 3			
	<b>H15</b>	Similar shapes	Geometry & Measure	U551, U578, U630, U110	

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<b>HT5</b>	<b>H16</b>	Algebraic proportion	Algebra	U721, U640, U357, U364	
	<b>H17</b>	Surds	Number	U338, U299, U633, U872, U499, U707, U281	9.04 (powers and roots)
	<b>H18</b>	Right angled Trigonometry	Geometry & Measure	U605, U283, U545, U967	
<b>HT6</b>	<b>H19</b>	Bounds	Number	U657, U587	9.03 (error intervals with inequalities)
	<b>H20</b>	Bearings and scale drawings	Geometry & Measure	U257, U525, U107	9.20, 9.21 (Angle facts and angles in parallel lines)
	<b>H21</b>	Transformations 2	Geometry & Measure	U196, U799, U519, U696	9.19 Transformations 1